V. A New and Exact TABLE, Collected from ſeveral Obſervations, taken in four Voyages to *Hudſon's Bay* in North *America*, from *London*: Shewing the Variation of the *Magnetical Needle*, or Sea *Compaſs*, in the Path-way to the ſaid *Bay*, according to the ſeveral *Latitudes* and *Longitudes*, from the Year 1721, to 1725. By Mr. *Chriſtopher Middleton*.

| Lat. | | Long. | | Vari. | | Lat. | | Long. | | Vari. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| D. | M. | D. | M. | D. | M. | D. | M. | D. | M. | D. | M. |
| 50 | 00 | 12 | 00 | 14 | 00 | 50 | 00 | 18 | 45 | 17 | 00 |
| 51 | 00 | 12 | 00 | 14 | 15 | 51 | 00 | 18 | 45 | 17 | 15 |
| 52 | 00 | 12 | 00 | 14 | 30 | 52 | 00 | 18 | 45 | 17 | 30 |
| 53 | 00 | 12 | 00 | 14 | 45 | 53 | 00 | 18 | 45 | 17 | 45 |
| 54 | 00 | 12 | 00 | 15 | 00 | 54 | 00 | 18 | 45 | 18 | 00 |
| 55 | 00 | 12 | 00 | 15 | 15 | 55 | 00 | 18 | 45 | 18 | 15 |
| 56 | 00 | 12 | 00 | 15 | 30 | 56 | 00 | 18 | 45 | 18 | 30 |
| 57 | 00 | 12 | 00 | 15 | 45 | 57 | 00 | 18 | 45 | 18 | 45 |
| 58 | 00 | 12 | 00 | 16 | 00 | 58 | 00 | 18 | 45 | 19 | 00 |
| 59 | 00 | 12 | 00 | 16 | 15 | 59 | 00 | 18 | 45 | 19 | 15 |
| 50 | 00 | 14 | 15 | 15 | 00 | 50 | 00 | 21 | 00 | 18 | 00 |
| 51 | 00 | 14 | 15 | 15 | 15 | 51 | 00 | 21 | 00 | 18 | 15 |
| 52 | 00 | 14 | 15 | 15 | 30 | 52 | 00 | 21 | 00 | 18 | 30 |
| 53 | 00 | 14 | 15 | 15 | 45 | 53 | 00 | 21 | 00 | 18 | 45 |
| 54 | 00 | 14 | 15 | 16 | 00 | 54 | 00 | 21 | 00 | 19 | 00 |
| 55 | 00 | 14 | 15 | 16 | 15 | 55 | 00 | 21 | 00 | 19 | 15 |
| 56 | 00 | 14 | 15 | 16 | 30 | 56 | 00 | 21 | 00 | 19 | 30 |
| 57 | 00 | 14 | 15 | 16 | 45 | 57 | 00 | 21 | 00 | 19 | 45 |
| 58 | 00 | 14 | 15 | 17 | 00 | 58 | 00 | 21 | 00 | 20 | 00 |
| 59 | 00 | 14 | 15 | 17 | 15 | 59 | 00 | 21 | 00 | 20 | 15 |
| 50 | 00 | 16 | 30 | 16 | 00 | 50 | 00 | 23 | 15 | 19 | 00 |
| 51 | 00 | 16 | 30 | 16 | 15 | 51 | 00 | 23 | 15 | 19 | 15 |
| 52 | 00 | 16 | 30 | 16 | 30 | 52 | 00 | 23 | 15 | 19 | 30 |
| 53 | 00 | 16 | 30 | 16 | 45 | 53 | 00 | 23 | 15 | 19 | 45 |
| 54 | 00 | 16 | 30 | 17 | 00 | 54 | 00 | 23 | 15 | 20 | 00 |
| 55 | 00 | 16 | 30 | 17 | 15 | 55 | 00 | 23 | 15 | 20 | 15 |
| 56 | 00 | 16 | 30 | 17 | 30 | 56 | 00 | 23 | 15 | 20 | 30 |
| 57 | 00 | 16 | 30 | 17 | 45 | 57 | 00 | 23 | 15 | 20 | 45 |
| 58 | 00 | 16 | 30 | 18 | 00 | 58 | 00 | 23 | 15 | 21 | 00 |
| 59 | 00 | 16 | 30 | 18 | 15 | 59 | 00 | 23 | 15 | 21 | 15 |

| Lat. | | Long. | | Vari. | |
|---|---|---|---|---|---|
| D. | M. | D. | M. | D. | M. |
| 50 | 00 | 25 | 30 | 20 | 00 |
| 51 | 00 | 25 | 30 | 20 | 15 |
| 52 | 00 | 25 | 30 | 20 | 30 |
| 53 | 00 | 25 | 30 | 20 | 45 |
| 54 | 00 | 25 | 30 | 21 | 00 |
| 55 | 00 | 25 | 30 | 21 | 15 |
| 56 | 00 | 25 | 30 | 21 | 30 |
| 57 | 00 | 25 | 30 | 21 | 45 |
| 58 | 00 | 25 | 30 | 22 | 00 |
| 59 | 00 | 25 | 30 | 22 | 15 |
| 50 | 00 | 27 | 45 | 21 | 00 |
| 51 | 00 | 27 | 45 | 21 | 15 |
| 52 | 00 | 27 | 45 | 21 | 30 |
| 53 | 00 | 27 | 45 | 21 | 45 |
| 54 | 00 | 27 | 45 | 22 | 00 |
| 55 | 00 | 27 | 45 | 22 | 15 |
| 56 | 00 | 27 | 45 | 22 | 30 |
| 57 | 00 | 27 | 45 | 22 | 45 |
| 58 | 00 | 27 | 45 | 23 | 00 |
| 59 | 00 | 27 | 45 | 23 | 15 |
| 50 | 00 | 30 | 00 | 22 | 00 |
| 51 | 00 | 30 | 00 | 22 | 15 |
| 52 | 00 | 30 | 00 | 22 | 30 |
| 53 | 00 | 30 | 00 | 22 | 45 |
| 54 | 00 | 30 | 00 | 23 | 00 |
| 55 | 00 | 30 | 00 | 23 | 15 |
| 56 | 00 | 30 | 00 | 23 | 30 |
| 57 | 00 | 30 | 00 | 23 | 45 |
| 58 | 00 | 30 | 00 | 24 | 00 |
| 59 | 00 | 30 | 00 | 24 | 15 |
| 50 | 00 | 32 | 15 | 23 | 00 |
| 51 | 00 | 32 | 15 | 23 | 15 |
| 52 | 00 | 32 | 15 | 23 | 30 |
| 53 | 00 | 32 | 15 | 23 | 45 |
| 54 | 00 | 32 | 15 | 24 | 00 |
| 55 | 00 | 32 | 15 | 24 | 15 |
| 56 | 00 | 32 | 15 | 24 | 30 |
| 57 | 00 | 32 | 15 | 24 | 45 |
| 58 | 00 | 32 | 15 | 25 | 00 |
| 59 | 00 | 32 | 15 | 25 | 15 |

| Lat. | | Long. | | Vari. | |
|---|---|---|---|---|---|
| D. | M. | D. | M. | D. | M. |
| 50 | 00 | 34 | 30 | 24 | 00 |
| 51 | 00 | 34 | 30 | 24 | 15 |
| 52 | 00 | 34 | 30 | 24 | 30 |
| 53 | 00 | 34 | 30 | 24 | 45 |
| 54 | 00 | 34 | 30 | 25 | 00 |
| 55 | 00 | 34 | 30 | 25 | 15 |
| 56 | 00 | 34 | 30 | 25 | 30 |
| 57 | 00 | 34 | 30 | 25 | 45 |
| 58 | 00 | 34 | 30 | 26 | 00 |
| 59 | 00 | 34 | 30 | 26 | 15 |
| 50 | 00 | 36 | 45 | 25 | 00 |
| 51 | 00 | 36 | 45 | 25 | 15 |
| 52 | 00 | 36 | 45 | 25 | 30 |
| 53 | 00 | 36 | 45 | 25 | 45 |
| 54 | 00 | 36 | 45 | 26 | 00 |
| 55 | 00 | 36 | 45 | 26 | 15 |
| 56 | 00 | 36 | 45 | 26 | 30 |
| 57 | 00 | 36 | 45 | 26 | 45 |
| 58 | 00 | 36 | 45 | 27 | 00 |
| 59 | 00 | 36 | 45 | 27 | 15 |
| 50 | 00 | 39 | 00 | 26 | 00 |
| 51 | 00 | 39 | 00 | 26 | 15 |
| 52 | 00 | 39 | 00 | 26 | 30 |
| 53 | 00 | 39 | 00 | 26 | 45 |
| 54 | 00 | 39 | 00 | 27 | 00 |
| 55 | 00 | 39 | 00 | 27 | 15 |
| 56 | 00 | 39 | 00 | 27 | 30 |
| 57 | 00 | 39 | 00 | 27 | 45 |
| 58 | 00 | 39 | 00 | 28 | 00 |
| 59 | 00 | 39 | 00 | 28 | 15 |
| 50 | 00 | 41 | 15 | 27 | 00 |
| 51 | 00 | 41 | 15 | 27 | 15 |
| 52 | 00 | 41 | 15 | 27 | 30 |
| 53 | 00 | 41 | 15 | 27 | 45 |
| 54 | 00 | 41 | 15 | 28 | 00 |
| 56 | 00 | 41 | 15 | 28 | 15 |
| 57 | 00 | 41 | 15 | 28 | 30 |
| 58 | 00 | 41 | 15 | 28 | 45 |
| 59 | 00 | 41 | 15 | 29 | 00 |

| Lat. | | Long. | | Vari. | |
|---|---|---|---|---|---|
| D. | M. | D. | M. | D. | M. |
| 50 | 00 | 43 | 30 | 28 | 00 |
| 51 | 00 | 43 | 30 | 28 | 15 |
| 52 | 00 | 43 | 30 | 28 | 30 |
| 53 | 00 | 43 | 30 | 28 | 45 |
| 54 | 00 | 43 | 30 | 29 | 00 |
| 55 | 00 | 43 | 30 | 29 | 15 |
| 56 | 00 | 43 | 30 | 29 | 30 |
| 57 | 00 | 43 | 30 | 29 | 45 |
| 58 | 00 | 43 | 30 | 30 | 00 |
| 59 | 00 | 43 | 30 | 30 | 15 |
| 51 | 00 | 46 | 00 | 29 | 00 |
| 52 | 00 | 46 | 00 | 29 | 15 |
| 53 | 00 | 46 | 00 | 29 | 30 |
| 54 | 00 | 46 | 00 | 29 | 45 |
| 55 | 00 | 46 | 00 | 30 | 00 |
| 56 | 00 | 46 | 00 | 30 | 15 |
| 57 | 00 | 46 | 00 | 30 | 30 |
| 58 | 00 | 46 | 00 | 30 | 45 |
| 59 | 00 | 46 | 00 | 31 | 00 |
| 52 | 00 | 48 | 30 | 30 | 00 |
| 53 | 00 | 48 | 30 | 30 | 15 |
| 54 | 00 | 48 | 30 | 30 | 30 |
| 55 | 00 | 48 | 30 | 30 | 45 |
| 56 | 00 | 48 | 30 | 31 | 00 |
| 57 | 00 | 48 | 30 | 31 | 15 |
| 58 | 00 | 48 | 30 | 31 | 30 |
| 59 | 00 | 48 | 30 | 31 | 45 |
| 53 | 00 | 51 | 00 | 31 | 00 |
| 54 | 00 | 51 | 00 | 31 | 15 |
| 55 | 00 | 51 | 00 | 31 | 30 |
| 56 | 00 | 51 | 00 | 31 | 45 |
| 57 | 00 | 51 | 00 | 32 | 00 |
| 58 | 00 | 51 | 00 | 32 | 15 |
| 59 | 00 | 51 | 00 | 32 | 30 |
| 60 | 00 | 51 | 00 | 32 | 45 |
| 54 | 00 | 54 | 00 | 32 | 00 |
| 55 | 00 | 54 | 00 | 32 | 15 |
| 56 | 00 | 54 | 00 | 32 | 30 |
| 57 | 00 | 54 | 00 | 32 | 45 |
| 58 | 00 | 54 | 00 | 33 | 00 |
| 59 | 00 | 54 | 00 | 33 | 15 |
| 60 | 00 | 54 | 00 | 33 | 30 |
| 61 | 00 | 54 | 00 | 33 | 45 |

| Lat. | | Long. | | Vari. | |
|---|---|---|---|---|---|
| D. | M | D. | M. | D. | M. |
| 54 | 00 | 57 | 00 | 33 | 00 |
| 55 | 00 | 57 | 00 | 33 | 15 |
| 56 | 00 | 57 | 00 | 33 | 30 |
| 57 | 00 | 57 | 00 | 33 | 45 |
| 58 | 00 | 57 | 00 | 34 | 00 |
| 59 | 00 | 57 | 00 | 34 | 30 |
| 60 | 00 | 57 | 00 | 35 | 00 |
| 61 | 00 | 57 | 00 | 35 | 30 |
| 55 | 00 | 60 | 00 | 34 | 00 |
| 56 | 00 | 60 | 00 | 34 | 30 |
| 57 | 00 | 60 | 00 | 35 | 00 |
| 58 | 00 | 60 | 00 | 35 | 30 |
| 59 | 00 | 60 | 00 | 36 | 00 |
| 60 | 00 | 60 | 00 | 36 | 30 |
| 61 | 00 | 60 | 00 | 37 | 00 |
| 57 | 00 | 63 | 00 | 35 | 00 |
| 58 | 00 | 63 | 00 | 35 | 30 |
| 59 | 00 | 63 | 00 | 36 | 00 |
| 60 | 00 | 63 | 00 | 36 | 30 |
| 61 | 00 | 63 | 00 | 37 | 00 |
| 62 | 00 | 63 | 00 | 37 | 30 |
| 59 | 00 | 66 | 00 | 37 | 00 |
| 60 | 00 | 66 | 00 | 37 | 40 |
| 61 | 00 | 66 | 00 | 38 | 20 |
| 62 | 00 | 66 | 00 | 39 | 00 |
| 63 | 00 | 66 | 00 | 39 | 40 |
| 60 | 00 | 69 | 00 | 41 | 00 |
| 61 | 00 | 69 | 00 | 41 | 40 |
| 62 | 00 | 69 | 00 | 42 | 20 |
| 60 | 00 | 72 | 00 | 40 | 00 |
| 61 | 00 | 72 | 00 | 42 | 00 |
| 61 | 40 | 72 | 00 | 42 | 40 |
| 62 | 00 | 78 | 00 | 43 | 00 |
| 63 | 00 | 78 | 00 | 44 | 00 |
| 63 | 50 | 78 | 00 | 46 | 00 |

| Lat. | | Long | | Vari. | |
|---|---|---|---|---|---|
| D. | M. | D. | M. | D. | M. |
| 61 | 00 | 75 | 00 | 38 | 00 |
| 62 | 00 | 75 | 00 | 43 | 00 |
| 62 | 50 | 75 | 00 | 45 | 00 |
| 63 | 00 | 81 | 00 | 43 | 00 |
| 64 | 00 | 81 | 00 | 46 | 00 |
| 62 | 00 | 82 | 00 | 39 | 00 |
| 63 | 00 | 82 | 00 | 44 | 00 |
| 61 | 00 | 84 | 00 | 33 | 45 |
| 62 | 00 | 84 | 00 | 40 | 00 |
| 63 | 00 | 84 | 00 | 42 | 00 |
| 60 | 00 | 86 | 00 | 30 | 00 |
| 61 | 00 | 86 | 00 | 33 | 00 |
| 62 | 00 | 86 | 00 | 35 | 00 |
| 59 | 00 | 88 | 00 | 28 | 00 |
| 60 | 00 | 88 | 00 | 28 | 40 |
| 61 | 00 | 88 | 00 | 29 | 20 |
| 57 | 00 | 90 | 00 | 24 | 00 |
| 58 | 00 | 90 | 00 | 24 | 30 |
| 59 | 00 | 90 | 00 | 25 | 00 |
| 57 | 00 | 94 | 00 | 23 | 00 |
| 58 | 00 | 95 | 00 | 22 | 30 |
| 59 | 00 | 95 | 00 | 21 | 00 |

*From* Long. 68 Degrees *to* 81. *is in* Hudſon's *Straits, where is the greateſt Variation, and the Compaſs will hardly Traverſe.*